



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Graham Ronald EASTHAM *et al.*

Appln. No. 10/524,034

Confirmation No. 2449

Filed: October 11, 2005

For: PROCESS FOR THE CARBONYLATION
OF ETHYLENICALLY UNSATURATED
COMPOUNDS

Art Unit: 2449

Examiner: To Be Assigned

Atty. Docket No. 31229-213441

Customer No.
26694
PATENT TRADEMARK OFFICE

REQUEST FOR REFUND

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attention: MAIL STOP REFUNDS

Sir:

This is a request for a refund of \$230, which should be applied to Deposit Account No. 22-0261.

The subject application was filed on February 10, 2005, but without formal papers. The filing fee (\$300), National Stage search fee (\$500), National Stage examination fee (\$200), additional claim fee (\$500), and surcharge fee (\$130) for the late filing of the Declaration were paid. A copy of this firm's Patent Prosecution Receipt of Filing (date-stamped by the Office) indicating payment of these fees is attached, along with a copy of the Transmittal Letter (Form PTO-1390).

The refund comprises three segments. First, a refund of \$50 is due for overpayment of the additional claim fee. The application includes 29 total claims, which is nine claims in excess of the 20-claim threshold. However, on the Form PTO-1390, the indication was 10 claims in excess of the allotted 20 claims, and a payment of \$500 was made. The amount paid should have been \$450 ($=9 \times \50). Applicants respectfully request a refund of \$50.00.

Second, a refund of \$130 is due for overpayment of the surcharge fee. At the time that this application was filed, the \$130 surcharge fee for the late filing of the Declaration was submitted (as noted on the attached date-stamped Patent Prosecution Receipt of Filing). When the Declaration was submitted to the Office on October 11, 2005, in response to the Notification of Missing Requirements issued on September 19, 2005 (copy attached), an additional \$130 surcharge was paid. A copy of this firm's Patent Prosecution Receipt of Filing (date-stamped by the Office) and a copy of the concurrently filed Transmittal Letter, indicating payment of the second \$130 surcharge, are attached. Applicants respectfully request an additional refund of \$130.00.

Third, a refund of \$50 for an erroneous charge to our Deposit Account is due. Attached to this Request for Refund is a two-page summation of amounts deducted from this firm's Deposit Account, including the dates on which the amounts were deducted and the Office's code for the deduction. On page 1 of the summation, there is a deduction on February 17, 2005 in the amount of \$500.00 (Code No. 1615), which appears to be for the extra claims fee. On page 2 of the

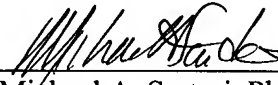
Applicants: Graham Ronald EASTHAM *et al.*
Appln. No. 10/524,034

summation, there is a deduction on September 16, 2005 in the amount of \$50.00 (Code No. 1615), which appears to be an error. Applicants, therefore, respectfully request an additional refund of \$50.00.

The total amount for which a refund is requested is \$230.00. It is respectfully requested that this amount be credited to our Deposit Account No. 22-0261, and acknowledgement of such credit be issued by the PTO.

Respectfully submitted,

Date: April 13, 2006



Michael A. Sartori, Ph.D.
Registration No. 41,289
VENABLE LLP
P.O. Box 34385
Washington, D.C. 20043-9998
Telephone: (202) 344-4000
Telefax : (202) 344-8300

MAS/SJB
#741722

PATENT PROSECUTION RECEIPT OF FILING

124924

Venable Filing Number

Atty. Docket No:

Title of Application:

31229-213441

PROCESS FOR THE
CARBONYLATION OF
ETHYLENICALLY UNSATURATED
COMPOUNDS

Int'l Application No:

Patent No. :

PCT/GB2003/003383

Attorney/LAA:

MAS/trl

PTO Due Date:

Current Date:

February 10, 2005

February 9, 2005

Int'l Filing Date:

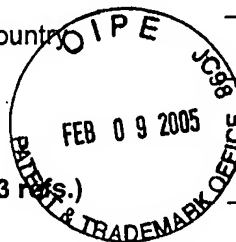
Issue Date:

August 4, 2003

The following items were received from Venable, Washington, D.C., by the U.S. Patent & Trademark Office on the date stamped hereon:

U.S. PTO FEES ENCLOSED

- ☒ Transmittal Letter
- ☐ Fee Transmittal Letter
- ☐ New U.S. Provisional Application (pages of specification/claims)
- ☐ Rule 53(d) Continued Prosecution Application
- ☐ Rule 53(b) Continuation or Divisional Application (*attach copy of specification, claims, drawings and declaration*)
- ☒ U.S. National Stage Application of PCT Application
- ☐ Request for Continued Examination (RCE) under 37 CFR 1.114
- ☐ Response
- ☐ Substitute Specification
- ☐ Priority Document-Cert. Copy of Appln.#: ; Country
- ☐ Date Filed:
- ☐ Formal Drawings (sheets, Figs.)
- ☐ Inventor Declaration
- ☐ Assignment w/Cover Sheet
- ☒ Information Disclosure Statement with 1449 (w/ 3 refs.)
- ☐ Response to Notice to File Missing Parts
- ☐ Response to Notice to File Missing Requirements
- ☐ Response to Restriction Requirement
- ☐ Information Disclosure Statement with cited references
- ☐ Response
- ☒ ☐ Amendment/ ☒ Preliminary Amendment
- ☐ Petition/Request for Extension of Time
- ☐ Power of Attorney
- ☐ Petition to Revive
- ☐ Sequence Listing - CDR Enclosed? ☐ Yes ☐ No
- ☐ Request for Non-Publication



- \$300 Filing Fee
- \$130 Surcharge Fee (late declaration)
- \$500 National Stage search Fee
- \$500 Additional Claim Fee
- IDS Fee
- Extension Fee
- Notice of Appeal Fee
- Brief on Appeal
- Oral Hearing Request Fee
- Petition Fee
- Issue Fee
- Publication Fee
- Maintenance Fee
- \$200 Other Fees (Describe)
- National Stage Examination Fee

\$1,630 Total Fees Paid

☐ Check Number

Attached

☒ Charge Deposit Account No. 22-0261*

*If the Deposit Account was

☐ Yes ☐ No

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 31229-213441
U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		
INTERNATIONAL APPLICATION NO. PCT/GB2003/003383	INTERNATIONAL FILING DATE 4 August 2003	PRIORITY DATE CLAIMED 10 August 2002
TITLE OF INVENTION PROCESS FOR THE CARBONYLATION OF ETHYLENICALLY UNSATURATED COMPOUNDS		
APPLICANT(S) FOR DO/EO/US Eastham et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Return Receipt Postcard; International Examination Preliminary Report; PCT/IB/304.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/GB2003/003383		ATTORNEY'S DOCKET NUMBER 31229-213441	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21.	<input checked="" type="checkbox"/> Basic national fee\$300		\$ 300.00	
22.	<input checked="" type="checkbox"/> Examination fee				
If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)\$100					
All other situations\$200				\$ 200.00	
23.	<input checked="" type="checkbox"/> Search fee				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100					
International Search Report prepared and provided to the Office\$400					
All other situations\$500				\$ 500.00	
TOTAL OF 21, 22 and 23 =				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
48 - 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	29 - 20 =	10	x 50.00	\$ 500.00	
Independent claims	2 - 3 =	0	x .00	\$	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,630.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 1,630.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	\$
TOTAL NATIONAL FEE =				\$ 1,630.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$ 1,630.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>22-0261</u> in the amount of \$ <u>1,630.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>22-0261</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO:					
				SIGNATURE: <u>Michael A. Sartori, Ph.D.</u> NAME	
CUSTOMER NUMBER: 26694				41,289 REGISTRATION NUMBER	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1430
Alexandria, Virginia 22313-1430
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/524,034	Graham Ronald Eastham	31229-213441

INTERNATIONAL APPLICATION NO.
PCT/GB03/03383

I.A. FILING DATE	PRIORITY DATE
08/04/2003	08/10/2002

26694
VENABLE LLP
P.O. BOX 34385
WASHINGTON, DC 20045-9998

CONFIRMATION NO. 2449

371 FORMALITIES LETTER



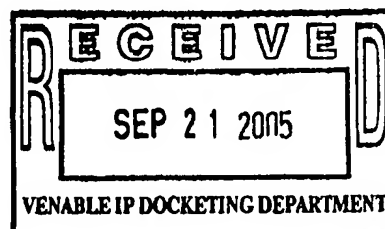
OC000000017038879

Date Mailed: 09/19/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/09/2005
- Copy of the International Search Report filed on 02/09/2005
- Copy of IPE Report filed on 02/09/2005
- Copy of Annexes to the IPER filed on 02/09/2005
- Preliminary Amendments filed on 02/09/2005
- Information Disclosure Statements filed on 02/09/2005
- U.S. Basic National Fees filed on 02/09/2005
- Priority Documents filed on 02/09/2005



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and International filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/524,034	PCT/GB03/03383	31229-213441

FORM PCT/DO/EO/905 (371 Formalities Notice)

PATENT PROSECUTION RECEIPT OF FILING

129028

Attorney/LAA: MAS/bap

PTO Due Date: November 19, 2005

Current Date: October 11, 2005

Atty. Docket No: 31229-213441
 Title of Application: PROCESSSS FOR THE
 CARBONYLATION . . . COMPOUNDS
 Graham R. EASTMAN et al.

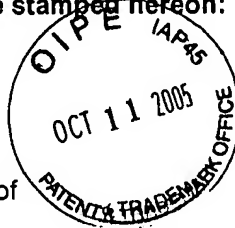
Application No: 10/524,034

Patent No. :

Filing Date: October 11, 2005

Issue Date:

The following items were received from Venable, Washington, D.C., by the U.S. Patent & Trademark Office on the date stamped hereon:



- ☒ PCT Transmittal Form
- ☐ Transmittal Letter
- ☐ Fee Transmittal Letter
- ☐ New U.S. Provisional Application (pages of specification/claims)
- ☐ Rule 53(d) Continued Prosecution Application
- ☐ Rule 53(b) Continuation or Divisional Application (**attach copy of specification, claims, drawings and declaration**)
- ☐ U.S. National Stage Application of PCT Application
- ☐ Request for Continued Examination (RCE) under 37 CFR 1.114
- ☐ Response
- ☐ Substitute Specification
- ☐ Priority Document-Cert. Copy of Appln.#: ; Country
- ☐ Date Filed:
- ☐ Formal Drawings (sheets, Figs.)
- ☒ Inventor Declaration
- ☒ Assignment w/Cover Sheet
- ☒ Second Information Disclosure Statement with 23 cited references
- ☒ Response to Notice to File Missing Parts
- ☒ Response to Notice to File Missing Requirements
- ☐ Response to Restriction Requirement
- ☐ Information Disclosure Statement with cited references
- ☐ Response
- ☐ ☐ Amendment/☐ Preliminary Amendment
- ☐ Petition/Request for Extension of Time (mo. Ext.)
- ☐ Power of Attorney
- ☐ Petition to Revive
- ☐ Sequence Listing – CDR Enclosed? ☐ Yes ☐ No
- ☐ ☐ Reply Brief (**in triplicate**)/ ☐ Request for Oral Hearing
- ☐ Confirmation of Hearing Petition
- ☐ Maintenance Fee Transmittal
- ☐ Status Inquiry
- ☐ Other: (**Please describe below**)

U.S. PTO FEES ENCLOSED

	Filing Fee
\$130.00	Surcharge Fee
	Additional Claim Fee
\$40.00	Recordation/Indexing Fee
	IDS Fee
	Extension Fee
	Notice of Appeal Fee
	Brief on Appeal
	Oral Hearing Request Fee
	Petition Fee
	Issue Fee
	Publication Fee
	Maintenance Fee
	Other Fees (Describe)
\$170.00	Total Fees Paid

☒ Charge Deposit Account No. 22-0261*

*If the Deposit Account was used, was a copy of this form sent to Accounting?

☐ Yes ☐ No

"PLEASE RETURN TO BETTY PARKS, DESK NO. E7046"

RLM

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 31229-213441
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/524,034
INTERNATIONAL APPLICATION NO. PCT/GB2003/003383	INTERNATIONAL FILING DATE 4 August 2003	PRIORITY DATE CLAIMED 10 August 2002
TITLE OF INVENTION PROCESS FOR THE CARBONYLATION OF ETHYLENICALLY UNSATURATED COMPOUNDS		
APPLICANT(S) FOR DO/EO/US Graham R. EASTHAM et al.		

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 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
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13. ☐ A preliminary amendment.
14. ☒ An Supplemental Application Data Sheet under 37 CFR 1.76.
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16. ☒ A power of attorney and/or change of address letter.
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19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Notification of Missing Requirements; Response to Notification of Missing Requirements.

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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/524,034		INTERNATIONAL APPLICATION NO. PCT/GB2003/003383		ATTORNEY'S DOCKET NUMBER 31229-213441	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/> Basic national fee\$0.00				\$	
22. <input type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)\$0.00				\$	
All other situations\$0.00					
23. <input type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$0.00				\$	
International Search Report prepared and provided to the Office\$0.00					
All other situations\$0.00					
TOTAL OF 21, 22 and 23 =				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
48 - 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	29 - 20 =	10	x 50.00	\$	Previously paid
Independent claims	2 - 3 =	0	x .00	\$	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$	130.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	\$
TOTAL NATIONAL FEE =				\$	130.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$	170.00
				Amount to be refunded:	\$
				Amount to be charged:	\$170.00
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>22-0261</u> in the amount of \$ <u>170.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>22-0261</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p style="text-align: right;">OCTOBER 11, 2005</p> <p style="text-align: right;">SIGNATURE: <u>Michael A. Sartori, Ph.D.</u></p> <p style="text-align: right;">NAME</p> <p>CUSTOMER NUMBER: 26694</p> <p style="text-align: right;">41,289</p> <p style="text-align: right;">REGISTRATION NUMBER</p>					

02/16 128	PCT/US05/03880	39532-210989	1601	\$300.00	\$95,001.06
02/16 129	PCT/US05/03880	39532-210989	1603	\$300.00	\$94,701.06
02/16 130	PCT/US05/03880	39532-210989	1701	\$1,053.00	\$93,648.06
02/16 131	PCT/US05/03880	39532-210989	1703	\$2,160.00	\$91,488.06
02/16 132	PCT/US05/03880	39532-210989	8007	\$20.00	\$91,468.06
02/16 155	29202031	32405-200116	2502	\$400.00	\$91,068.06
02/16 228	10731113		8007	\$120.00	\$90,948.06
02/16 243	09429360	32801-151172	2501	\$700.00	\$90,248.06
02/16 297	10502205	43315-205215	8021	\$40.00	\$90,208.06
02/16 338	29223258	32405-212394	2012	\$100.00	\$90,108.06
02/16 339	29223258	32405-212394	2112	\$50.00	\$90,058.06
02/16 340	29223258	32405-212394	2312	\$65.00	\$89,993.06
02/16 372	78567856	38748-214044	7001	\$325.00	\$89,668.06
02/16 393	0143640135	36881-212799	8014	\$50.00	\$89,618.06
02/17 1	09798930	31869169719	1202	\$100.00	\$89,518.06
02/17 35	76112629	31945165790	6001	-\$325.00	\$89,843.06
02/17 36	76112629	31945165790	6001	-\$325.00	\$90,168.06
02/17 42	76630829	36459-207203	6001	\$375.00	\$89,793.06
02/17 46	75888282		6403	-\$300.00	\$90,093.06
02/17 47	75888282		6403	\$100.00	\$89,993.06
02/17 50	75888379		9204	-\$200.00	\$90,193.06
02/17 75	10070540	31446-179039	1251	\$120.00	\$90,073.06
02/17 91	10103122	19391.0033	1801	\$790.00	\$89,283.06
02/17 92	2902614		6212	\$100.00	\$89,183.06
02/17 94	10989449	36888-211118	8021	\$40.00	\$89,143.06
02/17 107	6703847	36612-174109	1811	\$100.00	\$89,043.06
02/17 109	11003366	29953-190084	1051	\$130.00	\$88,913.06
02/17 116	10433087	31446-189814	1501	\$1,400.00	\$87,513.06
02/17 117	10433087	31446-189814	1504	\$300.00	\$87,213.06
02/17 118	09612304	32011-164846	1501	\$1,400.00	\$85,813.06
02/17 135	60641436	39532-211617	8021	\$40.00	\$85,773.06
02/17 146	6264197		2551	\$450.00	\$85,323.06
02/17 147	6264197		2554	\$65.00	\$85,258.06
02/17 203	11057154	37112-213547	2011	\$150.00	\$85,108.06
02/17 204	11057154	37112-213547	2111	\$250.00	\$84,858.06
02/17 205	11057154	37112-213547	2311	\$100.00	\$84,758.06
02/17 206	11057154	37112-213547	2202	\$500.00	\$84,258.06
02/17 272	10600537	29953-184846	1501	\$1,400.00	\$82,858.06
02/17 273	10600537	29953-184846	1504	\$300.00	\$82,558.06
02/17 274	29185003	32405-190467	2502	\$400.00	\$82,158.06
02/17 275	10420702	22357.00	2501	\$700.00	\$81,458.06
02/17 276	10420702	22357.00	1504	\$300.00	\$81,158.06
02/17 277	10376340	36595-187506	1501	\$1,400.00	\$79,758.06
02/17 278	10376340	36595-187506	1504	\$300.00	\$79,458.06
02/17 318	10524034	31229-213441	1631	\$300.00	\$79,158.06
02/17 319	10524034	31229-213441	1632	\$500.00	\$78,658.06
02/17 320	10524034	31229-213441	1633	\$200.00	\$78,458.06
02/17 321	10524034	31229-213441	1617	\$130.00	\$78,328.06
02/17 322	10524034	31229-213441	1615	\$500.00	\$77,828.06
02/17 360	10524023	31229-213464	1631	\$300.00	\$77,528.06
02/17 361	10524023	31229-213464	1632	\$500.00	\$77,028.06

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09/15 188	10767265	41567-200599	1501	\$1,400.00	\$69,476.06
09/15 189	10767265	41567-200599	1504	\$300.00	\$69,176.06
09/15 196	11220703	31759-222855	8021	\$40.00	\$69,136.06
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09/15 363	78712933	44010-223397	7001	\$325.00	\$68,771.06
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09/15 470	10450059	31812-189922	1501	\$1,400.00	\$67,046.06
09/15 471	10450059	31812-189922	1504	\$300.00	\$66,746.06
09/15 494	78712994	44010-223395	7001	\$325.00	\$66,421.06
09/16 2	10275073	36427-184850	1251	\$120.00	\$66,301.06
09/16 3	10715115	32406-198948 RK	1252	\$450.00	\$65,851.06
09/16 4	10524034	31229-213441	1632	-\$500.00	\$66,351.06
09/16 5	10524034	31229-213441	1642	\$400.00	\$65,951.06
09/16 20	10524034	31229-213441	1615	\$50.00	\$65,901.06
09/16 30	10483558	43480-202613	2401	\$250.00	\$65,651.06
09/16 31	10483558	43480-202613	2253	\$510.00	\$65,141.06
09/16 33	10548109	43289-222882	1631	\$300.00	\$64,841.06
09/16 34	10548109	43289-222882	1633	\$200.00	\$64,641.06
09/16 35	10548109	43289-222882	1632	\$500.00	\$64,141.06
09/16 36	10548109	43289-222882	1617	\$130.00	\$64,011.06
09/16 37	10548109	43289-222882	1615	\$300.00	\$63,711.06
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09/16 44	11225071	47588-221289	1202	\$200.00	\$62,511.06
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09/16 104	76521119	32071-188061	6004	\$300.00	\$62,011.06
09/16 105	76468592	32870-184968	6006	\$100.00	\$61,911.06
09/16 125	09987707	37112-175340	2801	\$395.00	\$61,516.06
09/16 126	09987707	37112-175340	2202	\$25.00	\$61,491.06
09/16 134	60716503	128406	2005	\$100.00	\$61,391.06
09/16 172	11225127	40424-220545	1011	\$300.00	\$61,091.06
09/16 173	11225127	40424-220545	1111	\$500.00	\$60,591.06
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09/16 242	78713837	32537-223410	7001	\$325.00	\$60,066.06
09/16 264	10059394	38785-171253	8021	\$40.00	\$60,026.06
09/16 269	60709797	42237-190941	8021	\$40.00	\$59,986.06
09/16 362	78713905	32537-223411	7001	\$325.00	\$59,661.06
09/16 570	29226622	32405-215918	2502	\$400.00	\$59,261.06
09/16 571	10782769	32140-199792	1504	\$300.00	\$58,961.06
09/16 572	10782769	32140-199792	1501	\$1,400.00	\$57,561.06
09/16 813	76573226	31903-200623	7004	\$300.00	\$57,261.06
09/19 1	10527057	35947-214434	1632	-\$500.00	\$57,761.06
09/19 2	10363890	37998-187596	1251	\$120.00	\$57,641.06
09/19 2	10527057	35947-214434	1642	\$400.00	\$57,241.06
09/19 27	PAYMENT		9203	-\$23,453.00	\$80,694.06
09/19 43	10421834	36595-188914	1806	\$180.00	\$80,514.06
09/19 44	PAYMENT		9203	\$23,453.00	\$57,061.06
09/19 45	PAYMENT		9203	-\$23,453.60	\$80,514.66
09/19 49	10096111	39021-178138	1202	\$250.00	\$80,264.66
09/19 50	10154971	31640-181235	1253	\$1,020.00	\$79,244.66

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1AP7 Rec'd PCT/PTO 13 APR 2006 PCT

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/524,034		
	Filing Date	October 11, 2005	
	First Named Inventor	Graham Ronald EASTHAM	
	Group Art Unit	2449	
	Examiner Name	To Be Assigned	
Total Number of Pages in This Submission		Attorney Docket Number	31229-213441

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Declaration & Power of Attorney <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Information Disclosure Statement; Form PTO/SB/08A <input checked="" type="checkbox"/> Request for Refund (w/copy of PTO date-stamped receipt indicating filing of appl'n and fees paid; copy of Form PTO-1390 dated 2/9/05; copy of Notification of Missing Requirements; copy of PTO date-stamped receipt indicating filing of Response to Notification of Missing Requirements and fees paid; copy of Form PTO-1390 dated 10/11/05; and 2 pages from PTO website re charges to our Deposit Account). <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Copy of Response to Notification of Missing Requirements	<input type="checkbox"/> Assignment & Recordation Sheet <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> CD, Number of CD(s) ____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div style="border: 1px solid black; height: 150px; width: 100%; margin-top: 10px;"> <div style="position: absolute; top: 10px; left: 10px;">Remarks</div> </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Michael A. Sartori, Ph.D. Reg. No. 41,289	26694 PATENT TRADEMARK OFFICE
Signature		
Date	April 13, 2006	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450b on this date: _____			
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ATTORNEYS AT LAW

SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, 22313-1450.
#741932



Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		Complete if Known	
FEE TRANSMITTAL For FY 2006		Application Number	10/524,034
		Filing Date	October 11, 20056
		First Named Inventor	Graham Ronald EASTHAM
		Examiner Name	To Be Assigned
		Art Unit	2449
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	31229-213441
TOTAL AMOUNT OF PAYMENT		(\$)	- 0 -

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify)	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>22-0261</u> Deposit Account Name: <u>Venable LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
Application Type	Filing Fees	Small Entity	Search Fees	Small Entity	Examination Fees	Small Entity	Fees Paid (\$)
	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
2. EXCESS CLAIM FEES							
Fee Description	Fee (\$)	Small Entity					
Each claim over 20 (including Reissues)		50	25				
Each independent claim over 3 (including Reissues)		200	100				
Multiple dependent claims		360	180				
Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims			
	- 20 =	x	=	Fee (\$)	Fee Paid (\$)		
HP = highest number of total claims paid for, if greater than 20.							
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)				
	- 3 =	x	=				
HP = highest number of total claims paid for, if greater than 3.							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)			
	- 100 =	/50	(round up to a whole number) x	=			
4. OTHER FEE(S)							
Fees Paid (\$)							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge):							

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	41,289
Name (Print/Type)	Michael A. Sartori, Ph.D.	Telephone	(202) 344-4000
		Date	April 13, 2006

#741926